

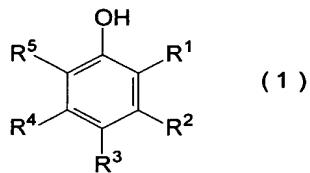
CLAIMS

1. An optical disk comprising a first substrate, a first reflective layer for reflecting laser beams for information reading formed on the first substrate, and a resin layer made of a cured film of an ultraviolet curable composition formed on the first reflective layer, wherein

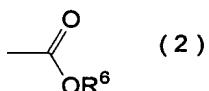
the first reflective layer is a reflective layer made of silver or an alloy containing silver as a main component, and

the ultraviolet curable composition contains:

- (a) a radical polymerizable compound,
- (b) a compound represented by the formula (1):



wherein R¹, R², R³, R⁴ and R⁵ each independently represents
 (i) a hydrogen atom, (ii) a halogen atom, (iii) a hydroxyl group, (iv) an alkoxy group having 1 to 8 carbon atoms, (v) a carboxyl group, (vi) a group represented by the formula (2):

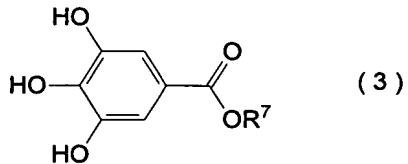


(wherein R⁶ represents an alkyl group having 1 to 20 carbon atoms which may be substituted with a halogen atom, or an

alkenyl group having 1 to 20 carbon atoms which may be substituted with a halogen atom), or (vii) an alkyl or alkenyl group having 1 to 24 carbon atoms which may have a carboxyl group, an alkoxy carbonyl group, an acyloxy group or an alkoxy group as a substituent, and at least one of R¹, R², R³, R⁴ and R⁵ is a hydroxyl group, and
(c) a radical photopolymerization initiator.

2. The optical disk according to claim 1, wherein a second substrate comprising a second reflective layer for reflecting laser beams for information reading formed thereon is formed on the resin layer so as to contact the resin layer with the second reflective layer.

3. The optical disk according to claim 1 or 2, wherein the compound represented by the formula (1) is a compound represented by the formula (3):



wherein R⁷ represents an alkyl group having 1 to 20 carbon atoms which may be substituted with a hydrogen atom or a halogen atom, or an alkenyl group having 1 to 20 carbon atoms which may be substituted with a halogen atom.

4. The optical disk according to claim 1 or 2, wherein the compound represented by the formula (1) is catechol, 3-sec-butyl catechol, 3-tert-butyl catechol, 4-sec-butyl catechol, 4-tert-butyl catechol, 3,5-di-tert-butyl catechol, 3-sec-butyl-4-tert-butyl catechol, 3-tert-butyl-5-sec-butyl catechol, 4-octyl catechol, 4-stearyl catechol, hydroquinone, 2-hydroxyhydroquinone, 2,5-di-tert-butylhydroquinone, 2,5-bis(1,1,3,3-tetramethylbutyl)hydroquinone, 2,5-bis(1,1-dimethylbutyl)hydroquinone, resorcinol, orcinol or pyrogallol.